Abstract of the Disclosure

A method and apparatus for multiplexing data streams is provided. An earliest time and a latest time are determined for each packet of a each data stream. The packets

5   of the data streams are multiplexed so as to meet earliest time and latest time requirements. The calculation of the earliest time and the latest time are simplified by allowing use of linear constraints rather than irregular stairstep constraints. Compensation for drift in the data streams is also provided.